

PENDING CLAIMS AFTER AMENDMENTS

40. A method of assembling an electronic access control device having a keypad and a microprocessor-based control circuit including a microprocessor and a non-volatile memory for storing a manufacturer-inserted permanent access code for controlling operation of the electronic access control device, comprising:

connecting to a communication port in the microprocessor-based control circuit, the communication port being distinctive from the keypad and connected to the microprocessor for accessing the non-volatile memory; and

reading the permanent access code back from the non-volatile memory through the communication port.

41. A method of entering a user-programmed access code into an electronic access control device having a keypad and a microprocessor-based control circuit including a microprocessor and a memory storing a manufacturer-inserted permanent access code, comprising;

pressing a program key on the keypad to indicate initiation of a code programming operation;

entering the permanent access code using alphanumerical keys on the keypad; and

after entering the permanent access code, entering the user-programmed access code using the alphanumerical keys of the keypad.

storing a manufacturer-inserted permanent access code for controlling operation of the electronic access control device, comprising:

connecting to a communication port in the microprocessor-based control circuit, the communication port being distinctive from the keypad and connected to the microprocessor for accessing the non-volatile memory; and

reading the permanent access code back from the non-volatile memory through the communication port.

41. A method of entering a user-programmed access code into an electronic access control device having a keypad and a microprocessor-based control circuit including a microprocessor and a memory storing a manufacturer-inserted permanent access code, comprising;

pressing a program key on the keypad to indicate initiation of a code programming operation;

entering the permanent access code using alphanumerical keys on the keypad; and

after entering the permanent access code, entering the user-programmed access code using the alphanumerical keys of the keypad.